ABSTRACT OF THE DISCLOSURE

A method and apparatus for imaging of at least one object, the method includes the following steps:- collecting image information about a sample by means of a microscope,- selecting a part of the sample to be imaged (as a volume)- reconstructing the collected image information for the volume using an iterative reconstruction method in which a prior prejudice distribution is refined in at least one step on the basis of a comparison with the collected image information, preferably the Comet method. One or more objects may be selected within the volume for analysis of image information related to the at least one object.